

Typed or Printed Name of Person Signing Certificate

FISH & RICHARDSON P.C.

Commissioner for Patents

October 30, 2001

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Basic filing fee	\$740
Total claims in excess of 20 times \$18	\$54
Independent claims in excess of 3 times \$84	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$794

A check for the filing fee is enclosed. Please apply any other required fees or any credits to Deposit Account No. 06-1050, referencing the attorney docket number shown above.

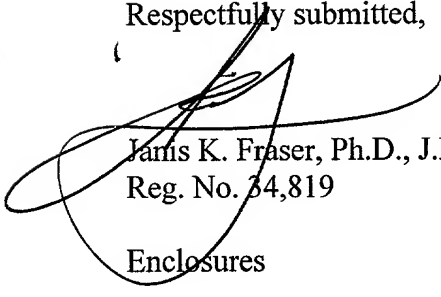
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

JANIS K. FRASER, PH.D., J.D.
Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804

Respectfully submitted,


Janis K. Fraser, Ph.D., J.D.
Reg. No. 34,819

Anita L. Meiklejohn
Reg. No. 35,283

Enclosures

JKF/kjp

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